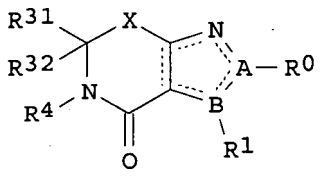
=> s l6
L7 4 L6

=> d abs fbib hitstr 1-4

L7 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN
GI



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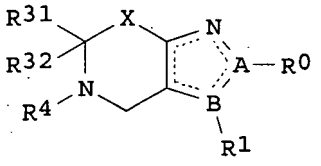

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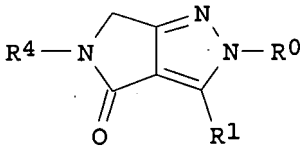

III

AB The title compds. I or II [A = N and B = C, or A = C and B = N; R0 = (un)substituted (hetero)aryl; R1 = (un)substituted aryl, CH:CHR1a, CH2CH2R1a (wherein R1a = H, alkyl, (un)saturated carbocyclyl, heterocyclyl, etc.); X = a bond, (un)substituted CH2; R31, R32 = H, alkyl, haloalkyl; R4 = alkyl, aryl, heteroaryl, etc.; with proviso] that act as cannabinoid receptor ligands and therefore are useful in the treatment of diseases linked to the mediation of the cannabinoid receptors in animals, were prepared E.g., a multi-step synthesis of III [R0 = 2-ClC6H4; R1 = 4-(MeO)C6H4; R4 = iso-Pr], starting from Et 1-(2-chlorophenyl)-5-iodo-3-methyl-1H-pyrazole-4-carboxylate, was given. The compds. III [R0 = 2-ClC6H4; R1 = 4-(NC)C6H4; R4 = iso-Pr] and III [R0 = 2-ClC6H4; R1 = 4-ClC6H4; R4 = iso-Pr] showed CB-1 binding activities of 4 nM and 2 nM, resp. The pharmaceutical composition comprising the compound I or II is claimed.

AN 2004:905624 CAPLUS
DN 141:395553
TI Preparation of bicyclic pyrazolyl and imidazolyl compounds as cannabinoid receptor ligands
IN Carpino, Philip A.; Dow, Robert L.
PA Pfizer Inc, USA
SO U.S. Pat. Appl. Publ., 32 pp.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
PI	US 2004214856	A1	20041028	US 2004-823152		20040412
				US 2003-464908P	P	20030423
	AU 2004232552	A1	20041104	AU 2004-232552		20040413
				US 2003-464908P	P	20030423
				WO 2004-IB1357	W	20040413

CA 2521538	A1	20041104	CA 2004-2521538			20040413
			US 2003-464908P	P		20030423
			WO 2004-IB1357	W		20040413
WO 2004094421	A1	20041104	WO 2004-IB1357			20040413
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EP 1622903	A1	20060208	EP 2004-727076			20040413
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BR 2004009791	A	20060530	BR 2004-9791			20040413
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			WO 2004-IB1357	W		20040413
CN 1809566	A	20060726	CN 2004-80017567			20040413
			US 2003-464908P	P		20030423
			WO 2004-IB1357	W		20040413
JP 2006524225	T	20061026	JP 2006-506562			20040413
			US 2003-464908P	P		20030423
			WO 2004-IB1357	W		20040413
NL 1026027	A1	20041027	NL 2004-1026027			20040423
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NO 2005005516	A	20051122	NO 2005-5516			20051122
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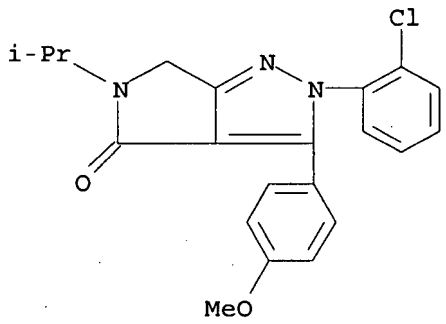
OS MARPAT 141:395553

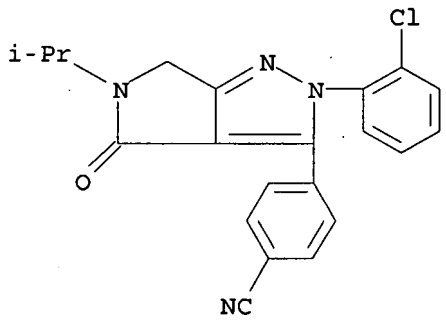
IT 782498-61-7P 782498-62-8P 782498-63-9P
782498-66-2P 782498-67-3P 782498-68-4P
782498-69-5P 782498-70-8P 782498-71-9P
782498-72-0P 782498-73-1P 782500-17-8P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of bicyclic pyrazolyl and imidazolyl compds. as cannabinoid receptor ligands)

RN 782498-61-7 CAPLUS

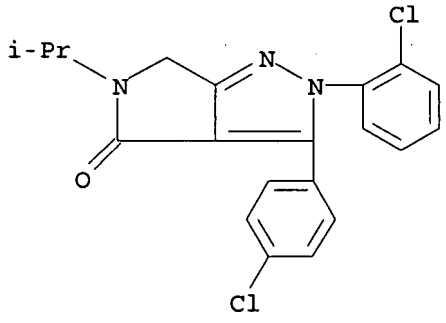
CN Pyrrolo[3,4-c]pyrazol-4(2H)-one, 2-(2-chlorophenyl)-5,6-dihydro-3-(4-methoxyphenyl)-5-(1-methylethyl)- (9CI) (CA INDEX NAME)



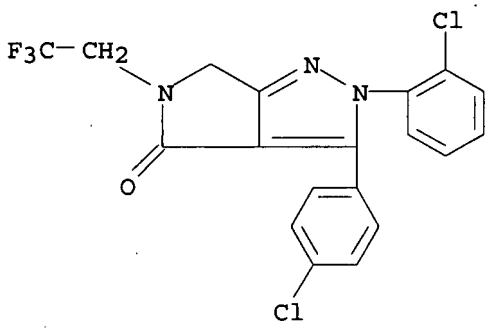
RN 782498-62-8 CAPLUS
CN Benzonitrile, 4-[2-(2-chlorophenyl)-2,4,5,6-tetrahydro-5-(1-methylethyl)-4-oxopyrrolo[3,4-c]pyrazol-3-yl]- (9CI) (CA INDEX NAME)



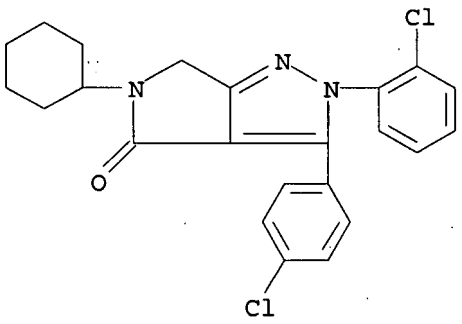
RN 782498-63-9 CAPLUS
CN Pyrrolo[3,4-c]pyrazol-4(2H)-one, 2-(2-chlorophenyl)-3-(4-chlorophenyl)-5,6-dihydro-5-(1-methylethyl)- (9CI) (CA INDEX NAME)



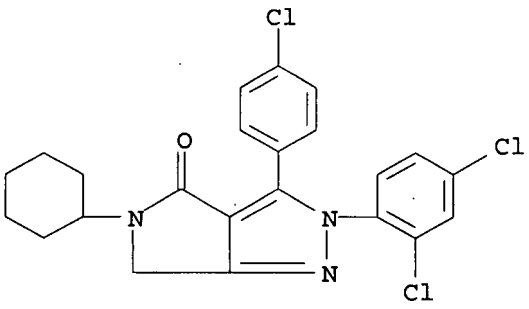
RN 782498-66-2 CAPLUS
CN Pyrrolo[3,4-c]pyrazol-4(2H)-one, 2-(2-chlorophenyl)-3-(4-chlorophenyl)-5,6-dihydro-5-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



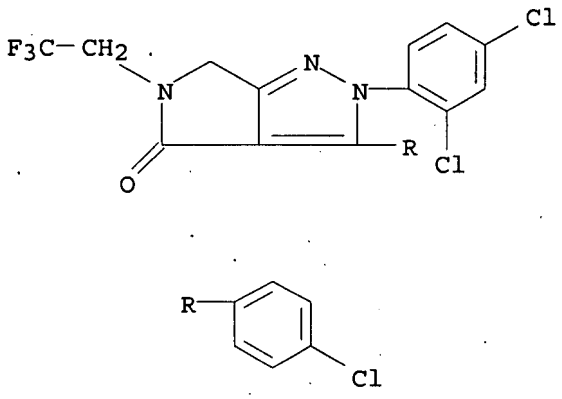
RN 782498-67-3 CAPLUS
CN Pyrrolo[3,4-c]pyrazol-4(2H)-one, 2-(2-chlorophenyl)-3-(4-chlorophenyl)-5-cyclohexyl-5,6-dihydro- (9CI) (CA INDEX NAME)



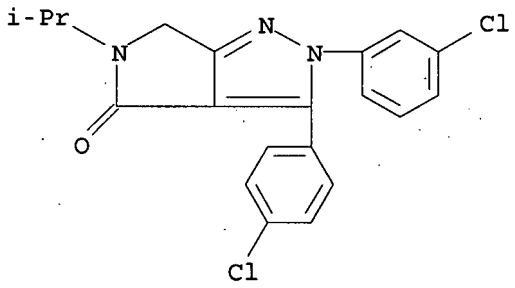
RN 782498-68-4 CAPLUS
CN Pyrrolo[3,4-c]pyrazol-4(2H)-one, 3-(4-chlorophenyl)-5-cyclohexyl-2-(2,4-dichlorophenyl)-5,6-dihydro- (9CI) (CA INDEX NAME)



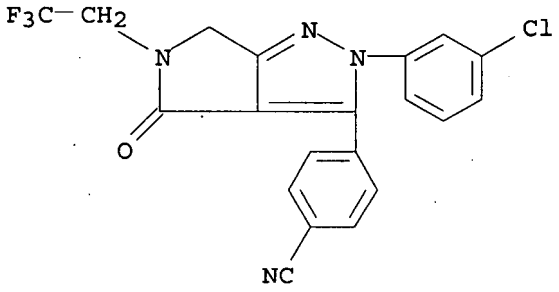
RN 782498-69-5 CAPLUS
CN Pyrrolo[3,4-c]pyrazol-4(2H)-one, 3-(4-chlorophenyl)-2-(2,4-dichlorophenyl)-5,6-dihydro-5-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



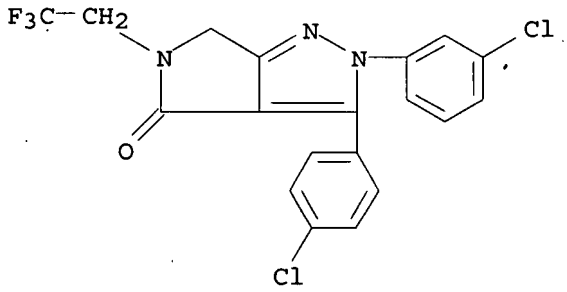
RN 782498-70-8 CAPLUS
CN Pyrrolo[3,4-c]pyrazol-4(2H)-one, 2-(3-chlorophenyl)-3-(4-chlorophenyl)-5,6-dihydro-5-(1-methylethyl)- (9CI) (CA INDEX NAME)



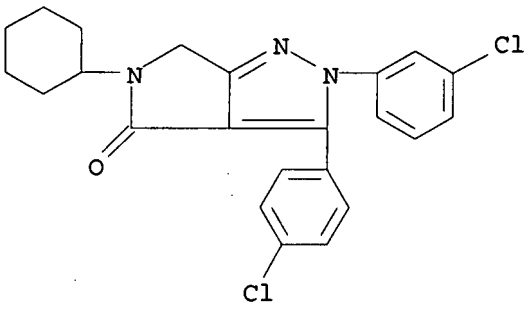
RN 782498-71-9 CAPLUS
CN Benzonitrile, 4-[2-(3-chlorophenyl)-2,4,5,6-tetrahydro-4-oxo-5-(2,2,2-trifluoroethyl)pyrrolo[3,4-c]pyrazol-3-yl]- (9CI) (CA INDEX NAME)



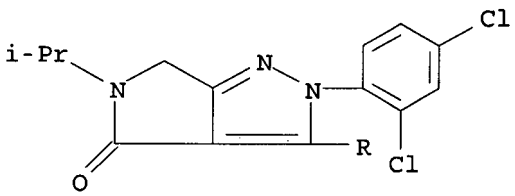
RN 782498-72-0 CAPLUS
CN Pyrrolo[3,4-c]pyrazol-4(2H)-one, 2-(3-chlorophenyl)-3-(4-chlorophenyl)-5,6-dihydro-5-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)

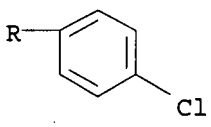


RN 782498-73-1 CAPLUS
CN Pyrrolo[3,4-c]pyrazol-4(2H)-one, 2-(3-chlorophenyl)-3-(4-chlorophenyl)-5-cyclohexyl-5,6-dihydro- (9CI) (CA INDEX NAME)



RN 782500-17-8 CAPLUS
CN Pyrrolo[3,4-c]pyrazol-4(2H)-one, 3-(4-chlorophenyl)-2-(2,4-dichlorophenyl)-5,6-dihydro-5-(1-methylethyl)- (9CI) (CA INDEX NAME)





L7 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN
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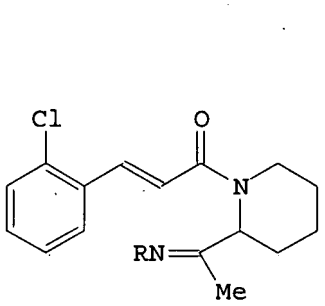

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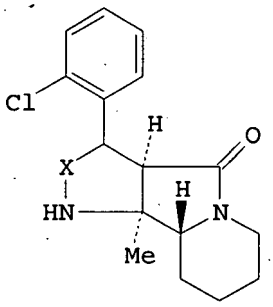

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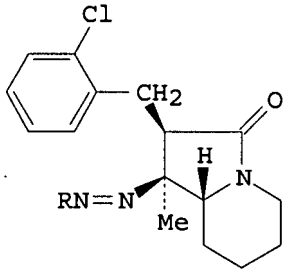


III

AB The cinnamoylacetylpiperidine derivs. I [R = HO, 2,4-(O2N)2C6H3NH, PhNH, Me3CNH, Me2N] were prepared and their cyclization reactions investigated. Thus, I [R = HO, 2,4-(O2N)2C6H3N] underwent cyclization under acid conditions to give isoxazoloindolizine II (X = O) and pyrazoloindolizine II [X = 2,4-(O2N)2C6H3N], resp. I (R = PhNH, Me3CNH) cyclized in refluxing MeCN to give indolizinones III, but when heated in EtOH containing pyridinium p-toluenesulfonate gave II (R = PhN, Me3N, resp.). The structure of II (X = O) was determined by x-ray crystallog.

AN 1987:176110 CAPLUS

DN 106:176110

TI Novel transformations leading to 3-benzylindolizidin-2-ones

AU Norman, Mark H.; Heathcock, Clayton H.

CS Dep. Chem., Univ. California, Berkeley, CA, 94720, USA

SO Journal of Organic Chemistry (1987), 52(2), 226-35
CODEN: JOCEAH; ISSN: 0022-3263

DT Journal

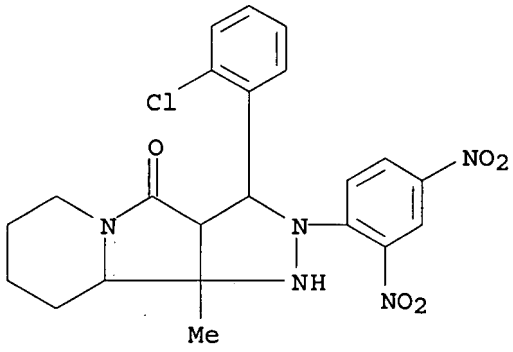
LA English

OS CASREACT 106:176110

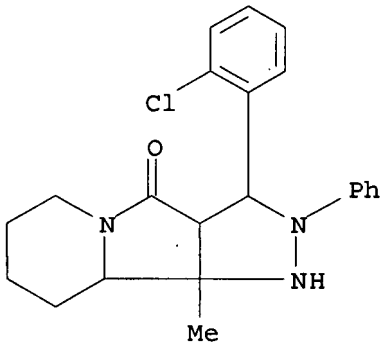
IT 106318-76-7P 106318-77-8P 106399-53-5P
106454-13-1P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 106318-76-7 CAPLUS

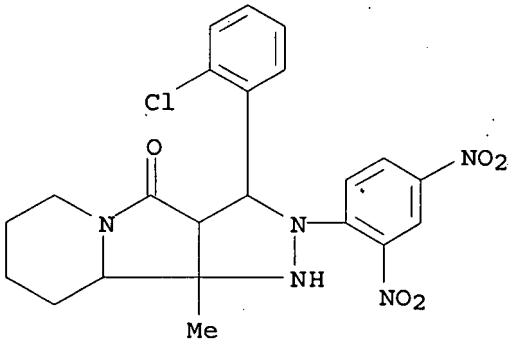
CN 4H-Pyrazolo[3,4-a]indolizin-4-one, 3-(2-chlorophenyl)-2-(2,4-dinitrophenyl)decahydro-9b-methyl-, (3α,3aα,9aβ,9bα)- (9CI) (CA INDEX NAME)



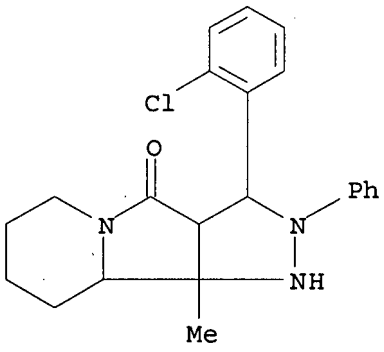
RN 106318-77-8 CAPLUS
CN 4H-Pyrazolo[3,4-a]indolizin-4-one, 3-(2-chlorophenyl)decahydro-9b-methyl-2-phenyl-, (3α,3aα,9aβ,9bα)- (9CI) (CA INDEX NAME)



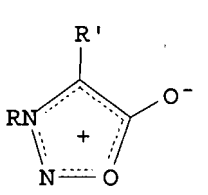
RN 106399-53-5 CAPLUS
CN 4H-Pyrazolo[3,4-a]indolizin-4-one, 3-(2-chlorophenyl)-2-(2,4-dinitrophenyl)decahydro-9b-methyl-, (3α,3aα,9aα,9b.alpha.)- (9CI) (CA INDEX NAME)



RN 106454-13-1 CAPLUS
CN 4H-Pyrazolo[3,4-a]indolizin-4-one, 3-(2-chlorophenyl)decahydro-9b-methyl-2-phenyl-, (3α,3aα,9aα,9bα)- (9CI) (CA INDEX NAME)



L7 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN
GI



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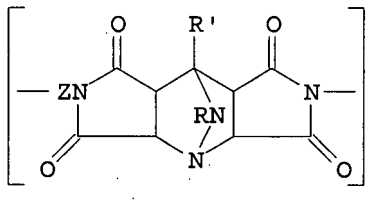


III

AB The copolymn. of mesoionic sydnones (I; R = Pr, Ph; R' = H, Et, Ph) with bismaleimides (II; Z = CH2CH2, p-C6H4xC6H4-p; x = CH2, O) is described. This polymerization is based on the double 1,3-cycloaddn. of sydnone to two maleimide functions to form CO2 and 1,7-diazabicyclo[2.2.1]heptane-2,3,5,6-tetracarboxylic acid diimide recurring unit of the polymer chain. A new class of polyimides (III; R,R', and Z as for I and II) was synthesized by this reaction. III have good thermal stability and solubility

AN 1987:138825 CAPLUS
DN 106:138825

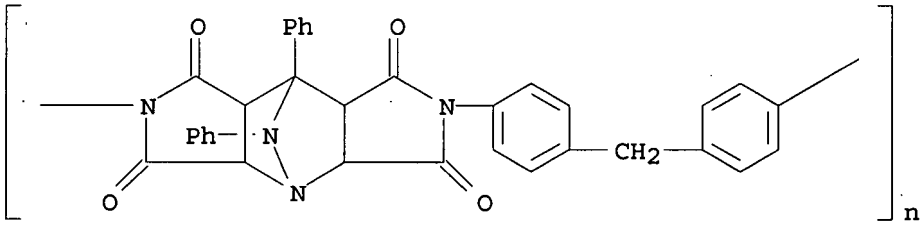
TI Novel polymerization reaction: double cycloaddition of sydnone and bismaleimide

AU Sun, Kwok Kun
CS North Haven Lab., Dow Chemical U.S.A., North Haven, CT, 06473-0430, USA

SO Macromolecules (1987), 20(4), 726-9
CODEN: MAMOBX; ISSN: 0024-9297
DT Journal
LA English

IT 107037-77-4P
RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
(preparation and properties of)

RN 107037-77-4 CAPLUS
CN Poly[(octahydro-1,3,5,7-tetraoxo-8,9-diphenyl-1H-4,8-iminodipyrrolo[3,4-b:3',4'-e]pyridine-2,6-diyl)-1,4-phenylenemethylene-1,4-phenylene] (9CI) (CA INDEX NAME)



L7 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN
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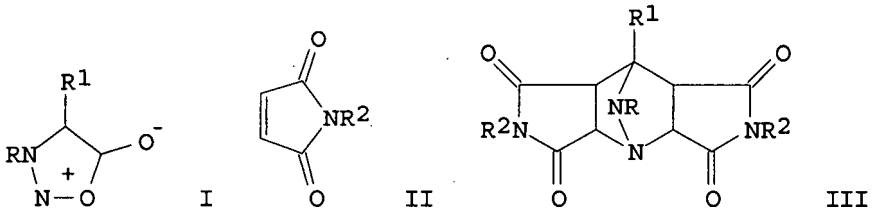
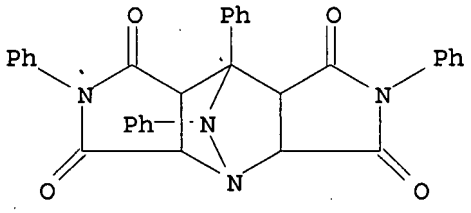


AB The cycloaddn. of sydnones I (R = H, R1 = H, Ph; R = Pr, R1 = Et) to maleimides II (R 2 = Ph, 4-MeC6H4, Me, H) afforded exclusively the isomeric 1:2-adducts endo, exo-III and exo,exo-III.
AN 1987:102145 CAPLUS
DN 106:102145
TI Cycloaddition reaction of sydnone and maleimide
AU Sun, Kwok Kun
CS D. S. Gilmore Res. Lab., Upjohn Co., North Haven, CT, 06473, USA
SO Tetrahedron Letters (1986), 27(3), 317-20
CODEN: TELEAY; ISSN: 0040-4039
DT Journal
LA English
OS CASREACT 106:102145
IT 106932-03-0P 106974-72-5P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 106932-03-0 CAPLUS
CN 1H-4,8-Iminodipyrrolo[3,4-b:3',4'-e]pyridine-1,3,5,7(2H,3aH,6H)-tetrone, tetrahydro-2,6,8,9-tetraphenyl-, (3aα,4β,4aα,7aα,8.beta.,8aα)- (9CI) (CA INDEX NAME)



RN 106974-72-5 CAPLUS
CN 1H-4,8-Iminodipyrrolo[3,4-b:3',4'-e]pyridine-1,3,5,7(2H,3aH,6H)-tetrone, tetrahydro-2,6,8,9-tetraphenyl-, (3aα,4α,7aβ,7aβ,8.alpha.,8aα)- (9CI) (CA INDEX NAME)